

**WHAT IS CLAIMED IS:-**

1. A printhead assembly, comprising:  
at least one printhead module comprising at least two printhead integrated circuits, each of which has  
nozzles formed therein for delivering printing fluid onto the surface of print media, a support member for  
supporting and carrying the printing fluid for the at least two printhead integrated circuits, and an electrical  
connector for connecting electrical signals to the at least two printhead integrated circuits;  
drive electronics incorporating at least one controller which is connected to at least one of the at least  
two printhead integrated circuits via the electrical connector for controlling the printing operation of at least  
one of the at least two printhead integrated circuits; and  
a casing in which the at least one printhead module and the drive electronics are removably mounted.
2. A printhead assembly according to claim 1, wherein the drive electronics is provided on at least one  
printed circuit board which is supported by a support frame of the casing.
3. A printhead assembly according to claim 2, wherein the at least one printed circuit board carries at  
least one connection port for connecting with the electrical connector.
4. A printhead assembly according to claim 3, wherein the at least one connection port is aligned with  
the electrical connector.
5. A printhead assembly according to claim 1, wherein:  
the at least one printhead module is formed as a unitary arrangement of the at least two printhead  
integrated circuits, the support member, the electrical connector and at least one fluid distribution member  
mounting the at least two printhead integrated circuits to the support member; and  
the support member has at least one longitudinally extending channel for carrying the printing fluid  
for the printhead integrated circuits and includes a plurality of apertures extending through a wall of the  
support member arranged so as to direct the printing fluid from the at least one channel to associated nozzles  
in both, or if more than two, all of the printhead integrated circuits by way of respective ones of the fluid  
distribution members.